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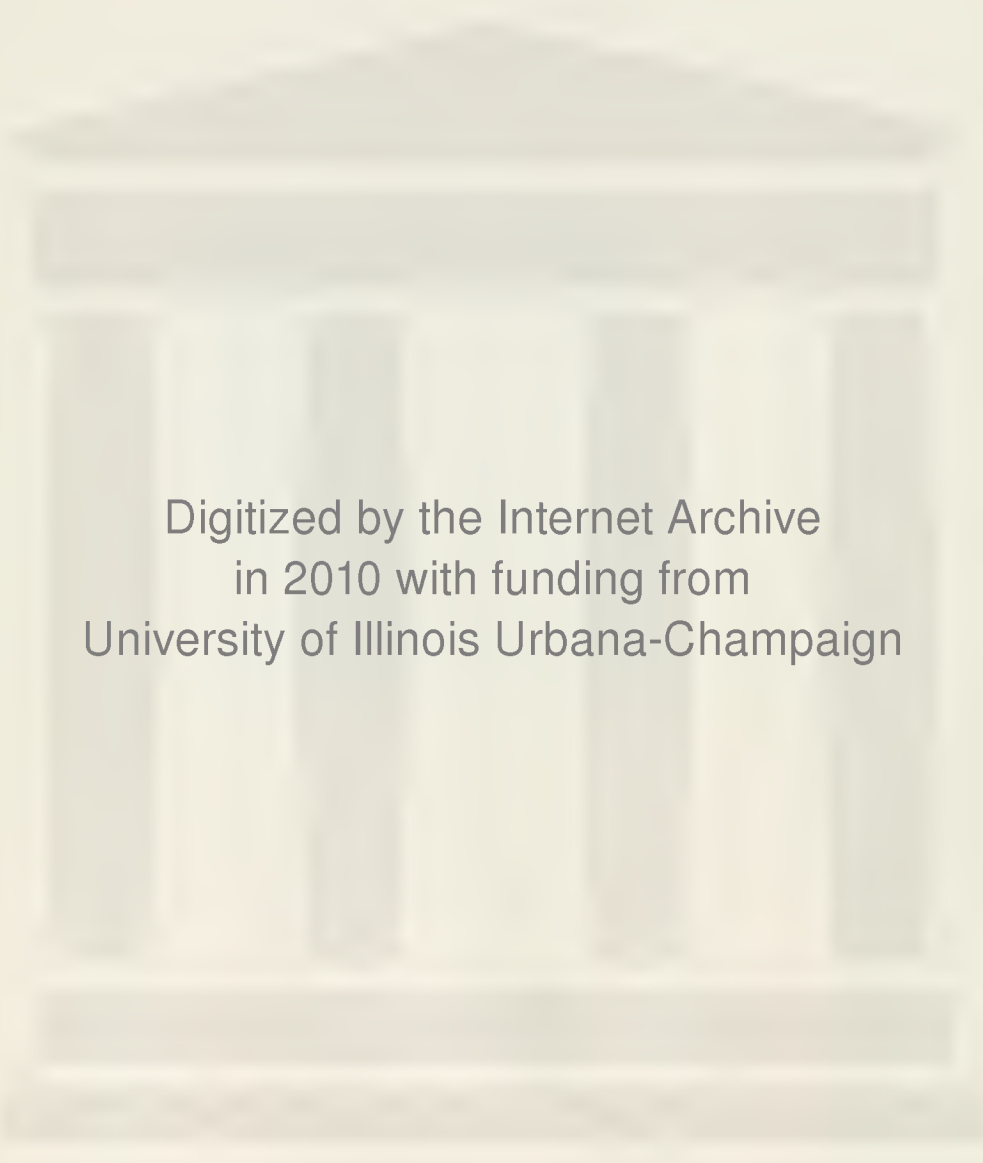
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September 1974

NORTHERN DEVELOPMENT: People, Resources, Ecology and Transportation in the Yukon and the Northwest Territories. A Bibliography of Government Publications with Selected Annotations

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NORTHERN DEVELOPMENT: PEOPLE, RESOURCES, ECOLOGY AND
TRANSPORTATION IN THE YUKON AND THE NORTHWEST TERRITORIES.
A BIBLIOGRAPHY OF GOVERNMENT PUBLICATIONS WITH SELECTED
ANNOTATIONS.

by

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Department of Library Science
University of Toronto

There are many excellent publications available on Northern Development either by or sponsored by a government agency. The selection I have chosen to include is only representative of the four major groupings which constitute this bibliography, namely the people, the resources, the ecology and transportation in the Yukon and the Northwest Territories.

Since most of the publications chosen have a recent imprint date, they should be available from the issuing body. Those publications with an imprint date older than two - three years, would probably be available through inter-library loan from the appropriate departmental library of the Ministry or government agency concerned.

The general information sources were included to serve as a guide to give access to further and more comprehensive sources of information concerning Northern Development in the Yukon and Northwest Territories.

There are no pamphlets included in this bibliography except for those whose paging has been given.

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GENERAL:

Arctic Alternatives: A National Workshop on People, Resources and the Environment North of 60. Held at Carleton University, Ottawa, May 24-26 in cooperation with the Arctic Institute of North America. Ottawa: Canadian Arctic Resources Commission, 1973.

This book is part of the Canadian Arctic Resources Commission's efforts to provide perspectives on development in Canada's North. It is a record of the conference held at Carleton, including the background dossiers which were prepared in advance of the workshop, the recommendations of the working groups which used the dossiers as the basis for their deliberations and the transcripts of the symposia.

Arctic Bibliography. 13 vols. Washington, D.C.: Arctic Institute of North America for the Department of Defense, 1957.

Contains over 69,455 references published on the Arctic. Each publication is listed under authors name and a short summary of what it deals with is given at the end of each volume. There is also a subject index.

Arctic Circular. Ottawa: Arctic Circle, monthly.

Includes information on Northern Research projects and developments.

Arctic Institute of North America. Newsletter. Montreal: Arctic Institute of North America.

Canada. Department of Indian Affairs and Northern Development. Canada North of 60. Ottawa: Department of Indian Affairs and Northern Development, quarterly.

_____. _____. Canada North of 60. Newsletter. Ottawa: Department of Indian Affairs and Northern Development, monthly.

_____. _____. Dialogue North. Yellowknife: Regional Information Service, Government of the N.W.T., quarterly.

Keeps residents in Northern Communities informed about resource development activities in their area such as Panarctic oil drilling, seismic surveys, air strips, etc.

Canada. Department of Indian Affairs and Northern Development. North/Nord. Ottawa: Department of Indian Affairs and Northern Development, bi-monthly.

_____. _____. Departmental Library. Acquisitions List. Ottawa: Library, Department of Indian Affairs and Northern Development, monthly.

_____. _____. Northern Administration Branch. Canada's North 1970-1980. Ottawa: Department of Indian Affairs and Northern Development, 1972.

This report sets out the governments's approach to policy in the Yukon and Northwest Territories and presents a policy framework for the information, coordination and implementation of all Federal and Territorial programs throughout the 70's.

_____. _____. _____. Unbelievable Land: 29 Experts Bring us Closer to the Arctic. Edited by I. Norman Smith. Ottawa: Department of Indian Affairs and Northern Development, 1972.

"This book contains a series of talks originally broadcast over the Canadian Broadcasting Corporation's Northern Service by experts on the Arctic. Published together, they form an unusually authoritative and interesting narrative of what the Arctic is and means and of what is being done to tame it."

Cooper, P. F. The Mackenzie Delta - Technology. Mackenzie Delta Research Report No. 2. Ottawa: Northern Science Research Group, Department of Indian Affairs and Northern Development, 1967.

This report is a study of the ways which modern technology could improve the standard of living of the native inhabitants of the Mackenzie Delta.

Franson, R., A. R. Lucan and A. R. Thompson. Legal Problems in the Canadian North prepared for the National Workshop on People, Resources and the Environment North of 60. Ottawa: Canadian Arctic Resources Committee, 1972.

Publication includes "Dossier of Legal Problems in the North", the purpose of which is to identify and describe the problems which are most pressing for lawyers and legislators to look into.

Hemstock, C. A. and G. A. Cooke. Yukon Bibliography Update 1963-1970. Edmonton: University of Alberta, Boreal Institute for Northern Studies, 1973.

Information North. Montreal: Arctic Institute of North America, quarterly.

Information on the Arctic Institute of North America activities; items of general interest, reviews, conferences, and comments on topical matters are included.

Jones, Mary Jane. Mackenzie Delta Bibliography. Mackenzie Delta Research Report No. 6. Ottawa: Northern Science Research Group, Department of Indian Affairs and Northern Development, 1969.

Man in the North. Montreal: Arctic Institute of North America, 1970.

In March 1969 the Arctic Institute of North America organized a conference to discuss the possibility of establishing a research program concerning community development in the North. In 1970 a 3 year program was established. So far several kinds of reports have been issued: Progress reports, Project reports, Technical reports all available from the Arctic Institute of North America, Montreal.

North of 60: Prospectus for Resource and Economic Development in the Yukon and Northwest Territories. Ottawa: Department of Indian Affairs and Northern Development, 1972.

In ring binder format, a collection of fact sheets, information of a statistical and descriptive nature on virtually all aspects of Northern Development in the Yukon and Northwest Territories is included.

Northwest Territories Begins - Century Two. Annual Report of the Commissioner of the Northwest Territories, 1971. Yellowknife: Government of the Northwest Territories, 1972.

Science and the North: a Seminar on Guidelines for Scientific Activities in Northern Canada, 1972. Sponsored by the Sub-Committee on Science and Technology Advisory Committee on Northern Development, Ottawa, 1973.

"The seminar was held to assist in developing guidelines and priorities for scientific activities in support of the objectives and priorities for Northern Canada as stated by the Government. The term "scientific activities" is used in a broad sense and includes research investigations, surveys and data collecting considered part of the process for acquiring knowledge and information for planning the development and management of resources and the administration of Northern Canada.

PEOPLE:

Born, D. O. Eskimo Education and the Trauma of Social Change. Ottawa: Department of Indian Affairs and Northern Development, Northern Science Research Group, 1970.

Research describes the acculturation of the Belcher Islands NWT Eskimo with particular focus on the effects of the Department of Indian Affairs and Northern Development education program on the Eskimo population.

Cohen, R. An Anthropological Survey of Communities in the Mackenzie - Great Slave Lake Region of Canada. Ottawa: Northern Coordination and Research Centre, Department of Indian Affairs and Northern Development, 1962.

Dailey, R. G. and L. A. Dailey. The Eskimo of Rankin Inlet. Northern Coordination and Research Centre, Department of Indian Affairs and Northern Development, 1961.

Ervin, A. H. New Northern Townsmen in Inuvik. Mackenzie Delta Research Report No. 5. Ottawa: Northern Science Research Group, Department of Indian Affairs and Northern Development, 1968.

"Using as analytical devices several social variables which include ethnicity, life style, age, sex, and social stratification, the social life of the native people of the Delta and of Inuvik particularly is studied."

Ifill, Max. Regional Planning in Northern Canada. Ottawa: Regional Planning and Manpower Section, Department of Indian Affairs and Northern Development, 1972.

Describes a regional approach to planning in Northern Canada and reviews economic activities, organizational structure, income and employment conditions, manpower policies, etc.

Mailhot, J. Inuvik Community Structure - Summer 1965. Mackenzie Delta Research Report No. 4. Ottawa: Northern Science Research Group, Department of Indian Affairs and Northern Development, 1966.

"Analysis in this study concentrates on the community organizations and associations of Inuvik in an attempt to discover the extent to which such organizations fostered a feeling of community solidarity across ethnic lines."

Parsons, G. F. Arctic Suburbs: A Look at the North's Newcomers. Mackenzie Delta Research Project No. 8. Ottawa: Northern Science Research Group, Department of Indian Affairs and Northern Development, 1970.

This study examines some social characteristics, opinions and attitudes of subjects in a random sample of which government employees living at Inuvik. Impressions of life in the North, the nature of their participation in community affairs, and some features of the class structure of the white community are also examined.

Report of the Task Force on Housing in the Northwest Territories. Yellowknife: Government of the Northwest Territories, Housing Division, 1972.

Report contains detailed analysis of housing conditions in the Northwest Territories, a series of recommendations to promote home ownership and sets out the role of the government of the Northwest Territories in dealing with the housing problems.

Smith, D. G. Mackenzie Delta - Domestic Economy of the Native Peoples: A Preliminary Study. Mackenzie Delta Research Project No. 3. Northern Science Research Group, Department of Indian Affairs and Northern Development, n.d.

"This report explores the gap between the economic aspirations and realizations for the native people of the Mackenzie Delta."

Special Staff Group on Northern Employment and Economic Opportunities Development Agencies of the N.W.T. Background Report. Ottawa: Department of Indian Affairs and Northern Development, n.d.

This report deals with three main areas: a) the economic and social background factors are studied against which the concept of a development agency is examined; b) the opportunities which may exist in the renewable resources fields and in the industrial sectors are assessed and c) a discussion of agency concepts which could meet the present and future requirements of the N.W.T.

Stevenson, D.S. Problems of Eskimo Relocation for Industrial Employment. A Preliminary Study. Ottawa: Northern Science Research Group, Department of Indian Affairs and Northern Development, 1968.

This study looks into the possible reasons for variable success in relocating Eskimo families in centres of industrial employment. Particular emphasis is given to study of normative behaviour.

Thompson, C. T. Patterns of Housekeeping to Two Eskimo Settlements. Ottawa: Northern Science Research Group, Department of Indian Affairs and Northern Development, 1969.

The two Eskimo settlements being studied are Baker Lake and Cape Dorset. Field work was carried out between August 1967 and July 1968 with the author spending time and actually living with the families in each settlement.

RESOURCES:

Allan, R. J. Regional Geochemical Exploration in the Coppermine River Area, District of Mackenzie, a Feasibility Study in Permafrost Terrain. Ottawa: Geological Survey of Canada, 1972, 52 p.

Armstrong, Graham T. and Andrew T. Freyman. Cost-Benefit Analysis of a Lead-Zinc Smelter in the N.W.T. Ottawa: Northern Administration Branch, Department of Indian Affairs and Northern Development, reprinted 1971, 22 p.

Balkwill, H. R. Reconnaissance Geology Southern Great Bear Plain District of Mackenzie. Ottawa: Geological Survey of Canada, 1971, 47 p.

- Boyle, R. W. and C. F. Gleeson. Gold in the Heavy Mineral Concentrates of Stream Sediments, Reno Hill Area, Yukon Territory. Ottawa: Geological Survey of Canada, 1972, 8 p.
- Canada. Department of Energy, Mines and Resources. Mines Branch. Technical Bulletin. Northern Mining Problems with Particular Reference to Unit Operations in Permafrost. Ottawa, 1972, 18 p.
- _____. Department of Indian Affairs and Northern Development. Northern Economic Development Branch. Mines and Minerals North of 60: Mining Activities in the Yukon and the Northwest Territories. Ottawa, 1969, annual.
- This publication gives detailed information and activities in mining and mineral exploration, current operations and yields, expenditures and revenues, etc.
- _____. _____ . _____ . Oil and Gas North of 60: A Report of the Activities in 1968 of the Oil and Gas Industry in the Yukon and the Northwest Territories. Ottawa, 1969, annual.
- Publication includes a bibliography of selected geological references applicable to the geological provinces in Northern Canada. Most are Geological Survey of Canada publications.
- Craig, D. B. and P. Laporte. Mineral Industry Report 1969 and 1970. Vol. 1. Yukon Territory and Southwestern Sector District of Mackenzie. Ottawa: Department of Indian Affairs and Northern Development, 1972.
- Fraser, J. A. Geological Notes on Northeastern District of Mackenzie, Northwest Territories. Ottawa: Geological Survey of Canada, 1964, reprinted 1971, 20 p.
- Green, L. H. The Mineral Industry of the Yukon Territory and the Southwestern District of Mackenzie. Ottawa: Geological Survey of Canada, 1966.
- Hughes, O. L. Surficial Geology of Northern Yukon Territory and Northwestern District of Mackenzie, Northwest Territories. Ottawa: Geological Survey of Canada, 1972, 11 p.

Northern Pipeline Research Conference. Land and Water Management in the North. Whitehorse, Yukon: Department of Indian Affairs and Northern Development, 1971.

Thorpe, R. J. Mineral Exploration and Mining Activities, Mainland and Northwest Territories, 1966-1968. Ottawa: Geological Survey of Canada, 1972. (excluding the Coppermine River Area)

Weinberg, B. Slurry Pipeline Research Information Circular No. 1. Ottawa: Canada Transport Commission, Research Branch, 1971.

This is a document to convey the position of the Canadian Transport Commission with regards to Slurry pipeline research.

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A series of studies, numbering between 20-30, commissioned for the Environmental-Social Committee Northern Pipelines Task Force on Northern Development, and sponsored by the Department of Indian Affairs and Northern Development are available for purchase from:

Information Canada
221 Yonge St.
Toronto, Ontario, Canada

There are no pamphlets in this series, begun 1972, most are hard cover copies. Individual titles in this series can be obtained by writing to the above address.

ECOLOGY:

Berube, Y., R. Gilbert, et al. Mine Waste Contaminant and Water Quality in a Northern Environment. (Arctic Land Use Research Program). Ottawa: Department of Indian Affairs and Northern Development, 1972.

This publication covers general aspects of dyke design and water trailing systems. Investigations of water quality are carried out at two mines in the Yellowknife area. Water quality changes across trailing zones have been extensively studied by means of complete analysis for heavy metal ions dissolved in the water as it flows down stream. The report results in a set of preliminary guidelines for mine-waste management.

Bliss, L. C. and R. W. Wein. Botanical Studies of Natural and Man Modified Habitats in the Eastern Mackenzie Delta Region and the Arctic Islands. (Arctic Land Use Research Program). Ottawa: Department of Indian Affairs and Northern Development, 1972.

This report is a survey of the diversity and extent of the landscape, plant community and soil units of the Mackenzie Delta Region.

Clarke, C.H.D. Terrestrial Wildlife and Northern Development: Prepared for the National Workshop on People, Resources and the Environment North of 60. Ottawa: Canadian Arctic Resources Committee, 1972.

The study covers the impact of developments such as oil and gas pipelines, transportation air routes, etc. on the wildlife. The dangers of air pollution and oil spills are also examined.

Hill, Richard, M. "Petroleum Pipelines and the Arctic Environment," North/Nord, May-June 1971.

Kerfoot, D. F. Tundra Disturbance Studies in the Western Canadian Arctic. (Arctic Land Use Research Program). Ottawa: Department of Indian Affairs and Northern Development, 1972.

This report investigates and assesses the immediate and long range effects on the surface vegetation and terrain of various types, designs and operating procedures of various vehicles utilized by the resources exploration industry in both the forested and tundra regions of Northern Canada.

Lambert, J.D.H. Botanical Changes Resulting from Seismic and Drilling Operations: Mackenzie Delta Area. (Arctic Land Use Research Program). Ottawa: Department of Indian Affairs and Northern Development, 1972.

Botanical studies were carried out on two types of winter roads as part of a five-year study to determine the long range effects of seismic and drilling operations on the vegetation.

Terrestrial Environments (Vegetation and Permafrost: Prepared for the National Workshop on People, Resources and the Environment North of 60. Ottawa: Canadian Arctic Resources Commission, 1972.

The ecological fragility and the impact of development upon the ecological balance is explored.

Lavkulich, L. H. Physical Environmental Studies near Watson Lake Yukon Territory. (Arctic Land Use Research Program). Ottawa: Department of Indian Affairs and Northern Development, 1972.

Information is presented to aid in the development of an environmental classification scheme near Watson Lake, Yukon. The development of such a scheme is based on resources inventory, geologic, hydrologic, geomorphic and vegetative parameters.

Mackenzie Basin, Proceedings of the Intergovernmental Seminar Held at Inuvik, Northwest Territories, June 24-27, 1972. Ottawa: Environment Canada, Lands Directorate, 1973.

Seminar centres around the theme of more effective communication and cooperation in the wise management of the Mackenzie River Basin with regards to water power, water supply, recreational development and resource management.

Verschuren, J. P., R. H. Cooper and H. E. Qazi. Classification of Stream Flow and Fluvial Geomorphology Characteristics near Watson Lake, Yukon Territory. (Arctic Land Use Research Program). Ottawa: Department of Indian Affairs and Northern Development, 1972.

This report describes the current status of research being conducted by the Department of Civil Engineering of the University of Alberta as part of the Arctic Land Use Research Program.

TRANSPORTATION:

Arctic Transport: Proceedings of the Arctic Transportation Conference 1970 Held at Yellowknife, N.W.T. December 8-9, 1970. Sponsored by the Ministry of Transport and the Department of Indian Affairs and Northern Development. Ottawa: 1971, 3 vols.

Volume One contains the proceedings of the opening, second and final plenary sessions. Volume one also contains the speeches of the Conference banquet, a short summary of all papers presented and a list of delegated and discussions at all sessions.

The 34 background papers as well as other papers presented at the Conference are published in volumes 2 and 3.

The theme of the Conference was "Arctic Transportation in the 70's." The objectives of the Conference were to develop a transportation system "that contributes to the orderly social and economic development of the area, compatible with the protection of the environment."

Canadian Northwest Transportation Study: Final Report.

Prepared by Hedlin, Menzies Assoc. for the Public Affairs Branch, Ministry of Transport, 1970.

Krolewski, A. Adequacy of Scheduled Air Services in the Northwest Territories. Preliminary Draft. Ottawa: Economic Staff Group, Northern Economic Development Branch, Department of Indian Affairs and Northern Development, 1970.

Helliship, D. B. "Third Level" Air Carriers Operations: A Review of the Issues. Prepared for the Canadian Transport Commission. Ottawa: 1973.

"Policy statement needs to be formulated in view of the increase air traffic to the north and this consideration must be made in the context of the total national transport system." Report tries to rationalize this point of view.

Hokhtan, H. Survey of Northern Transportation Cost: An Intermodal Comparison. Ottawa: Economic Staff Group, Department of Indian Affairs and Northern Development, 1972.

"Comprehensive analysis of transport cost data in Northern Canada and evaluation of factors contributing to the cost of various modes" is undertaken in this study.

Northern Air Transport Study. Ottawa: Canadian Transport Commission, Research Branch, 1970.

Northwest Transportation Plan. Ottawa: Transport Canada, 1972.

Additional information on oil and gas can be obtained by contacting any of the following government agencies and bureaus:

Arctic Institute of North America, Suite 2222, Tower A, Place de Ville, Ottawa, Canada.

Department of Energy, Mines and Resources, Geological Survey of Canada, 601 Booth St., Ottawa, Canada. K1A 0E9

Department of Energy, Mines and Resources, Institute of Sedimentary and Petroleum Geologists, 601 Booth St., Ottawa, Canada. K1A 0E9

Department of Energy, Mines and Resources, Survey and Mapping Branch, 615 Booth St., Ottawa, Canada. K1A 0E9

13. CPL Exchange Bibliography #643

Department of Energy, Mines and Resources, Mineral Development,
Canada Oil and Gas, 588 Booth St., Ottawa, Canada. K1A 0N4.

National Research Council of Canada, National Science Library,
100 Sussex Dr., Ottawa, Canada. K1A 0S2

National Research Council of Canada, Scientific and Technological
Information Service, Montreal Rd., Ottawa, Canada. K1A 0N6

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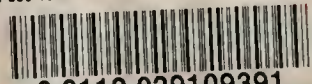
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